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### 1 [Certified email with a light on-line trusted third party: design and implementation](#)

Martin Abadi, Neal Glew

May 2002 WWW '02: Proceedings of the 11th international conference on World Wide Web

Publisher: ACM

 Full text available: [pdf\(189.19 KB\)](#) Additional Information: [full citation](#), [abstract](#), [cited by](#), [index terms](#)

This paper presents a new protocol for certified email. The protocol aims to combine security, scalability, easy implementation, and viable deployment. The protocol relies on a light on-line trusted third party; it can be implemented without any special ...

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Algorithm makes precise choices I not believe... Try on. Now  
[sterntools.com](#)

### 2 [Enabling email confidentiality through the use of opportunistic encryption](#)

Simson L. Garfinkel

May 2003 dg.o '03: Proceedings of the 2003 annual national conference on Digital government research

Publisher: Digital Government Research Center

 Full text available: [pdf\(51.35 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)

Software for encrypting email messages has been widely available for more than 15 years, but the email-using public has failed to adopt secure messaging. This failure can be explained through a combination of technical, community, and usability factors. ...

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[www.Gartner.com](#)

### 3 [Path delay fault testing using test points](#)

S. Tragoudas, N. Denny

January 2003 ACM Transactions on Design Automation of Electronic Systems (TODAES), Volume 8 Issue 1

Publisher: ACM

 Full text available: [pdf\(105.98 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#), [review](#)

Inserting controllable/observable points in the test architecture has been

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shown to be a viable method for reducing the number of path delay faults that need to be tested in a circuit. In order to have a minimal impact on the operation clock and more ...

Keyw ords: Automatic test pattern generation, delay testing, design for testability, path delay fault simulation (coverage), path delay fault testing, testing digital circuits

#### 4 A comparative study of parallel and sequential priority queue algorithms



Robert Rönngren, Rassul Ayani

April 1997 ACM Transactions on Modeling and Computer Simulation (TOMACS), Volume 7 Issue 2

Publisher: ACM

Full text available: pdf(640.10 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#), [review](#)

Priority queues are used in many applications including real-time systems, operating systems, and simulations. Their implementation may have a profound effect on the performance of such applications. In this article, we study the performance of well-known ...

Keyw ords: parallel access priority queue, pending event set implementations, priority queue

#### 5 Getting Rid of Spam: Blackmail

Brandon M. Browning

March 1998 Linux Journal, Volume 1998 Issue 47es

Publisher: Specialized Systems Consultants, Inc.

Full text available: html(13.11 KB) Additional Information: [full citation](#), [references](#), [index terms](#)

#### 6 An iterative gate sizing approach with accurate delay evaluation

Guangqiu Chen, Hidetoshi Onodera, Keikichi Tamaru

December 1995 ICCAD '95: Proceedings of the 1995 IEEE/ACM international conference on Computer-aided design

Publisher: IEEE Computer Society

Full text available: pdf(87.04 KB) [Publisher Site](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

This paper introduces a new gate sizing approach with accurate delay evaluation. The approach solves gate sizing problems by iterating local sizing results from linear programming within small variable ranges of gate sizes. In each iterative step, variable ...

Keyw ords: delay evaluation, iteration, linear program, gate sizing



#### 7 Spam, Spam, Spam, Spam, Spam, the FTC, and Spam



Eric Allman

September 2003 Queue, Volume 1 Issue 6

Publisher: ACM


Full text available:  pdf(1.28 MB)  html(29.58 KB) Additional Information: [full citation](#), [abstract](#), [cited by](#), [index terms](#)

A forum sponsored by the FTC highlights just how bad spam is and how its only going to get worse without some intervention.

The Federal Trade Commission (FTC) held a forum on spam in Washington, D.C., April 30 to May 2. Rather to my ...

## 8 [Transistor reordering for power minimization under delay constraint](#)


 S. C. Prasad, K. Roy  
April 1996 ACM Transactions on Design Automation of Electronic Systems  
(TODAES), Volume 1 Issue 2  
Publisher: ACM


Full text available:  pdf(269.98 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

In this article we address the problem of optimization of VLSI circuits to minimize power consumption while meeting performance goals. We present a method of estimating power consumption of a basic or complex CMOS gate which takes the internal capacitances ...

Key words: circuit optimization, critical path enumeration, gate input reordering, power estimation, transistor reordering


## 9 [Email—the good, the bad, and the ugly](#)

 Hal Berghel  
April 1997 Communications of the ACM, Volume 40 Issue 4  
Publisher: ACM

Full text available:  pdf(264.66 KB) Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

## 10 [Study of delay patterns of weighted voice traffic of end-to-end users on the VoIP network](#)


Jeong-Soo Han, Seong-Jin Ahn, Jin-Wook Chung  
August 2002 International Journal of Network Management, Volume 12 Issue 5  
Publisher: John Wiley & Sons, Inc.



Full text available:  pdf(290.30 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In this paper we study delay patterns of weighted voice traffic of end-to-end users on the Voice over Internet Protocol (VoIP) network. We compare the delay performance of voice traffic which varies with queue management techniques such as First-In First-Out ...

## 11 [Email marketing grows up: a primer for the new millennium](#)


Joe Dysart

 December 1999 netWorker, Volume 3 Issue 4  
Publisher: ACM

Full text available:  pdf(212.84 KB)  html(9.32 KB) Additional Information: [full citation](#), [index terms](#)

## 12 [Effects of resource sharing on circuit delay: an assignment algorithm for clock period optimization](#)

 Subhrajit Bhattacharya, Sujit Dey, Franc Breglez  
April 1998 ACM Transactions on Design Automation of Electronic Systems (TODAES), Volume 3 Issue 2  
Publisher: ACM


Full text available:  pdf(260.26 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper analyzes the effect of resource sharing and assignment on the clock period of the synthesized circuit. The assignment phase assigns or binds operations of the scheduled behavioral description to a set of allocated resources. We focus on control-flow ...

Keyw ords: clock period, high-level synthesis, resorce sharing

## 13 [Minimum delay optimization for domino logic circuits---a coupling-aware approach](#)


 Ki-Wook Kim, Seong-Ook Jung, Taewhan Kim, Sung-Mo Kang  
April 2003 ACM Transactions on Design Automation of Electronic Systems (TODAES), Volume 8 Issue 2  
Publisher: ACM


Full text available:  pdf(130.81 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Minimum delay associated with the hold time requirement is of concern to circuit designers, since race-through hazards are inherent in any multiple clock organization or clock distribution tree irrespective of clock frequency. The monotonic property ...

Keyw ords: Logic synthesis, coupling, delay minimization, domino logic

## 14 [Optimizing static calendar queues](#)

 K. Bruce Erickson, Richard E. Ladner, Anthony Lamarca  
July 2000 ACM Transactions on Modeling and Computer Simulation (TOMACS), Volume 10 Issue 3  
Publisher: ACM

Full text available:  pdf(265.99 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#), [review](#)

The calendar queue is an important implementation of a priority queue that is particularly useful in discrete event simulators. We investigate the performance of the static calendar queue that maintains N active events. The main contribution ...

Keyw ords: Markov chain, algorithm analysis, calendar queue, data structures, discrete event simulation, optimization, priority queue

15 [Numerical bifurcation analysis of delay differential equations using DDE-BIFTOOL](#)



K. Engelborghs, T. Luzyanina, D. Roose

March 2002 ACM Transactions on Mathematical Software (TOMS), Volume 28 Issue 1

Publisher: ACM

Full text available: pdf(366.62 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

We describe DDE-BIFTOOL, a Matlab package for numerical bifurcation analysis of systems of delay differential equations with several fixed, discrete delays. The package implements continuation of steady state solutions and periodic solutions and their ...

Keywords: Continuation, delay differential equations, numerical stability and bifurcation analysis, software package

16 [Satisfiability models and algorithms for circuit delay computation](#)



Luis Guerra e Silva, João Marques-Silva, L. Miguel Silveira, Karem A. Sakallah

January 2002 ACM Transactions on Design Automation of Electronic Systems (TODAES), Volume 7 Issue 1

Publisher: ACM

Full text available: pdf(270.96 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The existence of false paths represents a significant and computationally complex problem in the estimation of the true delay of combinational and sequential circuits. In this article we conduct a comprehensive study of modeling circuit delay computation, ...

Keywords: Boolean satisfiability, circuit delay computation, delay modeling, false path, timing analysis

17 [Adaptive proportional delay differentiated services: characterization and performance evaluation](#)

Matthew K. H. Leung, John C. S. Lui, David K. Y. Yau

December 2001 IEEE/ACM Transactions on Networking (TON), Volume 9 Issue 6

Publisher: IEEE Press

Full text available: pdf(409.36 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

We examine a proportional-delay model for Internet differentiated services. Under this model, an ISP can control the waiting-time "spacings" between different classes of traffic. Specifically, the ISP tries to ensure that the average waiting time of ...

Keywords: Differentiated services, packet scheduling, proportional delay

18 [Spam wars](#)

Lauren Weinstein

August 2003 Communications of the ACM, Volume 46 Issue 8



Publisher: ACM

Full text available: pdf(44.64 KB) html(7.58 KB) Additional Information: [full citation](#), [cited by](#), [index terms](#)19 [SPAM on the menu: the practical use of remote messaging in community](#)[care](#)

Keith Cheverst, Karen Clarke, Dan Fitton, Mark Rouncefield, Andy Crabtree, Terry Hemmings

June 2002 ACM SIGCAPH Computers and the Physically Handicapped,

Issue 73-74

Publisher: ACM

Full text available: pdf(541.44 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

This paper presents some early design work of the 'Digital Care' project, developing technologies to assist care in the community for user groups with different support needs. Our focus is on developing a SMS Public Asynchronous Messenger (SPAM) system ...

Keyw ords: SMS messaging, community care, cultural probes, ethnography, requirements, user workshops

20 [Optimal integer delay budgeting on directed acyclic graphs](#)

E. Bozorgzadeh, S. Ghiasi, A. Takahashi, M. Sarrafzadeh

June 2003 DAC '03: Proceedings of the 40th conference on Design automation

Publisher: ACM

Full text available: pdf(373.56 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Delay budget is an excess delay each component of a design can tolerate under a given timing constraint. Delay budgeting has been widely exploited to improve the design quality. We present an optimal integer delay budgeting algorithm. Due to numerical ...

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